

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("2864588"   "20020121361"   "3494170"   "4715436"   "5375654"   "6488078").FN.	US-PGPUB; USPAT	OR	ON	2009/12/02 09:07
S2	1	(09/902869).APP.	USPAT; USOCR	OR	ON	2009/12/02 09:09
S3	38	("3906605"   "4248179"   "4330036"   "4332294"   "4365487"   "4373366"   "4377083"   "4437329"   "4514997"   "4658892"   "4690211"   "4715436"   "4729155"   "4866830"   "4921042"   "5092038"   "5186252"   "5251693"   "5259448"   "5311661"   "5351397"   "5388329"   "5409057"   "5415225"   "5551504"   "5573062"   "5690167"   "5803128"   "5813438"   "5819807"   "5992512"   "5996686"   "6056048"   "6067712").FN. OR ("6488079").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 09:09
S4	46	("1785905"   "3407638"   "3630058"   "3662578"   "3768291"   "3881342"   "3893322"   "3906605"   "4248179"   "4330036"   "4332294"   "4365487"   "4373366"   "4377083"   "4425696"   "4437329"   "4514997"   "4658892"   "4690211"   "4715436"   "4729155"   "4866830"   "4921042"   "5092038"   "5186252"   "5251693"   "5259448"   "5311661"   "5351397"   "5388329"   "5409057"   "5415225"   "5551504"   "5573062"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 09:12

		"5690167"   "5803128" "5813438"   "5819807" "5992512"   "5996686" "6056048"   "6067712" ("6488079").PN. OR ("6968719").URPN.				
S5	89	("1852490"   "1887036" "1977809"   "2197243" "2204613"   "2259433" "2343542"   "2864588" "2882023"   "3177936" "3453840"   "3684007" "3741285"   "3786653" "3861462"   "3885622" "3902552"   "4018209" "4044797"   "4111402" "4154296"   "4216825" "4216826"   "4223539" "4245695"   "4314587" "4330036"   "4332294" "4352378"   "4353350" "4402359"   "4425942" "4470452"   "4559999" "4585059"   "4621953" "4658892"   "4660630" "4690211"   "4700771" "4705103"   "4715436" "4733698"   "4751964" "4760710"   "4794983" "4800954"   "4866830" "4880054"   "4899812" "4921042"   "4960169" "4981170"   "4991643" "5044429"   "5052476" "5070937"   "5107922" "5111878" "5181560").PN. OR ("5375654").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 09:28
S6	4	("3494170").URPN.	USPAT	OR	ON	2009/12/02 09:35
S7	112	"72"/\$.ocls. and (tube or tubing or pipe) near4 (indent or indenting or indentation)	US-PGPUB; USPAT	OR	ON	2009/12/02 09:38
S8	1	("6488078").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/02 09:38
S9	1	("20020088611").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/02 09:40
S10	0	(09/757115).APP.	USPAT; USOCR	OR	ON	2009/12/02 09:49

S11	11	("1615724"   "2491119"   "3765079"   "4574610"   "4582259"   "4679850").PN. OR ("6170313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 09:53
S12	2	("3285046").URPN.	USPAT	OR	ON	2009/12/02 11:41
S13	4	("2825962").URPN.	USPAT	OR	ON	2009/12/02 11:50
S14	5	("20050034499"   "2825962"   "6170313"   "6505493").PN. OR ("7424817").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 11:51
S15	306	72/77,78.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/02 12:01
S17	69	72/370.21.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/02 12:01
S18	11	((JERRY) near2 (HOLDEN)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/02 12:03
S19	7	("3387477"   "4451966"). PN. OR ("4794775"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 14:37
S20	52	72/77,78.ccls. and ((rotate or rotating) near4 (tube or tubing or pipe))	US-PGPUB; USPAT	OR	ON	2009/12/02 14:47
S22	192	72/95.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/02 14:50
S23	4	("3486357"   "3998082"   "4624122").PN. OR ("6840074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 14:51
S24	44	72/370.16.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/02 14:54
S25	11	("1815626"   "3263474"   "3800386"   "4800634").PN. OR ("5894753").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 14:56
S26	109	72/370.19.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/02 14:58
S27	6	("2347086"   "4821551"). PN. OR ("5522247"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 15:00

S28	6	("2864588"   "20020121361"   "3494170"   "4715436"   "5375654"   "6488078"). PN.	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S29	1	(09/902869).APP.	USPAT; USOCR	OR	ON	2009/12/03 10:03
S30	38	("3906605"   "4248179"   "4330036"   "4332294"   "4365487"   "4373366"   "4377083"   "4437329"   "4514997"   "4658892"   "4690211"   "4715436"   "4729155"   "4866830"   "4921042"   "5092038"   "5186252"   "5251693"   "5259448"   "5311661"   "5351397"   "5388329"   "5409057"   "5415225"   "5551504"   "5573062"   "5690167"   "5803128"   "5813438"   "5819807"   "5992512"   "5996686"   "6056048"   "6067712").PN. OR ("6488079").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03
S31	46	("1785905"   "3407638"   "3630058"   "3662578"   "3768291"   "3881342"   "3893322"   "3906605"   "4248179"   "4330036"   "4332294"   "4365487"   "4373366"   "4377083"   "4425696"   "4437329"   "4514997"   "4658892"   "4690211"   "4715436"   "4729155"   "4866830"   "4921042"   "5092038"   "5186252"   "5251693"   "5259448"   "5311661"   "5351397"   "5388329"   "5409057"   "5415225"   "5551504"   "5573062"   "5690167"   "5803128"   "5813438"   "5819807"   "5992512"   "5996686"   "6056048"   "6067712"   "6488079").PN. OR ("6968719").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03

S32	89	("1852490"   "1887036"   "1977809"   "2197243"   "2204613"   "2259433"   "2343542"   "2864588"   "2882023"   "3177936"   "3453840"   "3684007"   "3741285"   "3786653"   "3861462"   "3885622"   "3902552"   "4018209"   "4044797"   "4111402"   "4154296"   "4216825"   "4216826"   "4223539"   "4245695"   "4314587"   "4330036"   "4332294"   "4352378"   "4353350"   "4402359"   "4425942"   "4470452"   "4559999"   "4585059"   "4621953"   "4658892"   "4660630"   "4690211"   "4700771"   "4705103"   "4715436"   "4733698"   "4751964"   "4760710"   "4794983"   "4800954"   "4866830"   "4880054"   "4899812"   "4921042"   "4960169"   "4981170"   "4991643"   "5044429"   "5052476"   "5070937"   "5107922"   "5111878"   "5181560").FN. OR ("5375654").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03
S33	4	("3494170").URPN.	USPAT	OR	ON	2009/12/03 10:03
S34	112	"72"/\$.ccls. and (tube or tubing or pipe) near4 (indent or indenting or indentation)	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S35	1	("6488078").FN.	US-PGPUB; USPAT	OR	OFF	2009/12/03 10:03
S36	1	("20020088611").FN.	US-PGPUB; USPAT	OR	OFF	2009/12/03 10:03
S37	0	(09/757115).APP.	USPAT; USOCR	OR	ON	2009/12/03 10:03
S38	11	("1615724"   "2491119"   "3765079"   "4574610"   "4582259"   "4679850").FN. OR ("6170313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03

S39	2	("3285046").URPN.	USPAT	OR	ON	2009/12/03 10:03
S40	4	("2825962").URPN.	USPAT	OR	ON	2009/12/03 10:03
S41	5	("20050034499"   "2825962"   "6170313"   "6505493").PN. OR ("7424817").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03
S42	306	72/77,78.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S43	69	72/370.21.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S44	11	((JERRY) near2 (HOLDEN)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S45	7	("3387477"   "4451966").PN. OR ("4794775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03
S46	52	72/77,78.ccls. and ((rotate or rotating) near4 (tube or tubing or pipe))	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S47	192	72/95.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S48	4	("3486357"   "3998082"   "4624122").PN. OR ("6840074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03
S49	44	72/370.16.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S50	11	("1815626"   "3263474"   "3800386"   "4800634").PN. OR ("5894753").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03
S51	110	72/370.19.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/03 10:03
S52	6	("2347086"   "4821551").PN. OR ("5522247").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:03
S53	1	("6170313").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/03 10:09
S54	40	("3481394"   "3734140"   "3847212"   "4166496"   "4314587"   "4330036"   "4332294"   "4425942"   "4549606").PN. OR ("4715436").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 10:23

S55	25	("3326283"   "3383892"   "3753364"   "3768290"   "3887004"   "4004441").PN. OR ("4179911").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/03 11:04
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